

SERVICE INFORMATION
DRAFT OUTLINE OF REVISIONS TO REGULATIONS

INFORMATION DISSEMINATION

- Current regulations
- Proposed revisions
 - Web Based Access to Information
 - Access to OE Satellite Training
 - Reprogramming
 - Scan Tool Information

Web Site Requirements

- Effective Date for Web Site Launch TBD
 - Small Volume Exceptions
 - < 5000 vehicles annually
 - < 1000 vehicles annually
- English
- J2008 not required
- Common terminology J1930

Web Site

- MYs included
 - TBD
 - 94 and newer vehicles not included
 - Maintain FedWorld or move to web site
- Upload information within 3 months of model introduction

Web Site

- Information to be included
 - Manuals, TSBs, wiring diagrams, training
 - Provided by OEM contractors/vendors to OEM or dealerships
 - Diagnostic procedures
 - Can't require connection to vehicle to access
 - Streaming video

Web Site

- Vehicle strategies that set-off MIL
 - Enable criteria
 - Fault identification logic diagrams
 - Component operating ranges with units
- Additions, deletions, corrections weekly
 - Specify day?
- Hyperlinking

Web Site

- Home page
 - Accessible to anyone
 - Instructions on accessing information
 - Cost and payment options
- No use of proprietary hardware, software, viewers, browsers, and formats

Web Site

- Reasonable cost
 - Meaning of cost
 - Factors for evaluating (e.g., cost to develop Web site internally v. third party)
 - Per use and subscription
- Establish & maintain own web site or contract with third party
 - OEM responsible

Web Site

- Approved by Administrator
 - Future changes allowed if no harm to end user
- Provide electronic version of database to information intermediaries (not just access to web site)
 - Not responsible for accuracy unless fee charged to intermediary

Web Site

- Other mediums not required
- Web site performance
 - Average download time
 - Appropriate number of screens per search
 - Access information by
 - Model, MY, key words/phrases, diagnostic procedures, VIN, fault codes
 - Can't require VIN to access database

Web Site

- Performance (continued)
 - Rapid identification of latest calibration
 - EPA can specify performance requirements (e.g., server capacity, hardware requirements) or allow manufacturers to conduct performance assessment using third party

Web Site

- Assessment option
 - Third party
 - Currently used by some OEMs
 - Provides reports as requested (e.g., monthly, quarterly)
 - Protection against complaints
 - How far below the mean

Training via Satellite and Internet

- Options
 - Provided by OEMs directly to aftermarket
 - Requires release of transmission codes, etc.
 - Provided to third party that transmits it to aftermarket
 - Collect royalties based on number of viewers or advertising revenue

Training via Satellite and Internet

- OEs post notification on web site one week prior to scheduled time
 - Course title
 - Time scheduled
 - Recommended skill level and/or suggested prerequisite courses
 - Cost and mechanism for payment
 - Information needed to register and receive transmission

Definition of Emission-Related

- Current definition
- Proposed changes
 - Clarify confusion
 - Review/expand components/systems covered
 - Must be able to program a new ECU/ reprogram existing ECU AND start the vehicle (e.g., anti-theft systems)

Reprogramming

- Current regulations
- Proposed changes
 - Black box (aka "pass through")
 - Effective date TBD
 - MYs included TBD

Generic and Enhanced Information for Scan Tools

- Current regulations
- Proposed changes
 - Effective 30 days after FR published

Generic and Enhanced Information for Scan Tools

- Provide generic and enhanced information
 - In English for 94 and later OBD II vehicles
 - To include
 - Bi-directional control (e.g., operation of valves, initiation of self-checks, etc.)
 - Include safety precautions necessary before invoking control
 - Data stream
 - Description of logic and performance limits/specs used in OEM-specific tools to perform diagnostic routines (e.g., injector balance test, etc.)

Generic and Enhanced Information for Scan Tools

- Uploaded to secure Web site in specific format (including handwritten notes)
 - ETI or other 3rd party

Generic and Enhanced Scan Tools

- Make all OEM-specific diagnostic tools available for sale
 - Provide direct (OEM) or indirect support
 - Cost

Generic and Enhanced Scan Tools

- "Decontent" tools
 - Impact on cost
 - Review by Administrator

Other

- Special tools
- Make tool available and provide information to tool companies
- Responsibility for compliance
- Heavy-duty
- CAN

Next Steps

- Comments By 12/01/99
- NPRM Spring 2000
- FRM December 2000

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